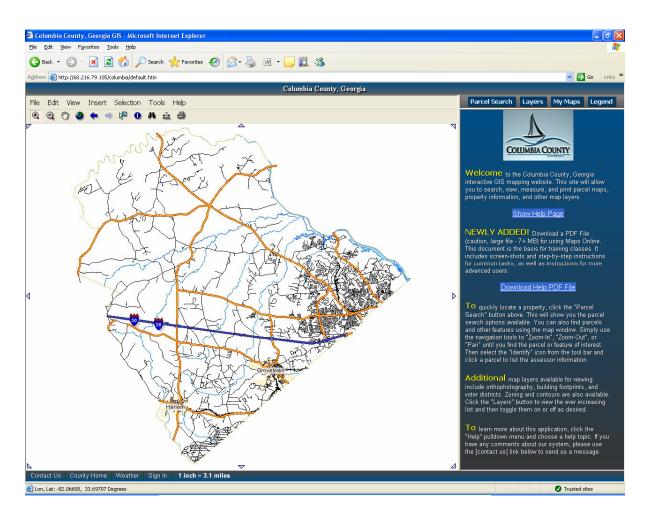
Maps Online User's Guide

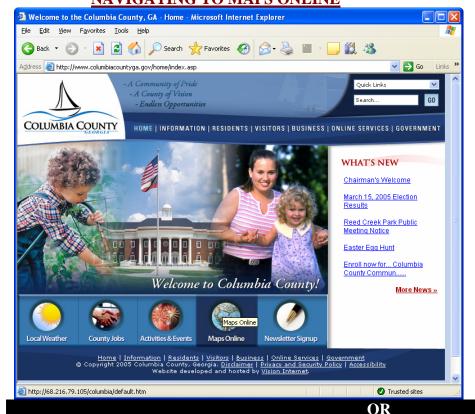




GIS March 25, 2005

Maps Online User's Guide Introduction to the User's Guide

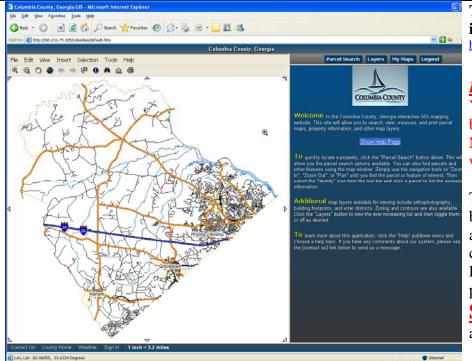
NAVIGATING TO MAPS ONLINE



Open the web browser and type:

<u>http://www.columbiacountyga.gov</u>, then click on the

[Maps Online] Globe Icon on the bottom row of buttons. This is the main link to the site.



To go straight to the Maps Online in the web browser type:

http://68.216.79.105/columbia/default.htm

Helpful Hints!!!

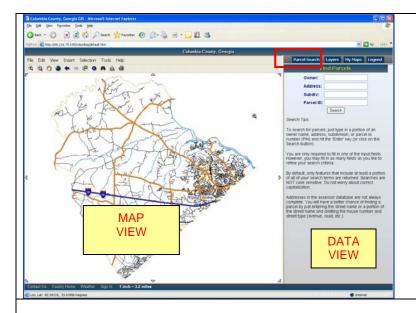
You must have Internet Explorer 6 or better for this application to work. Netscape Internet Browser will not work.

The Property Record Information can be seen by clicking the printer icon and then choosing print preview and checking the Feature Information. Pop-ups must be enabled for the property information to show.

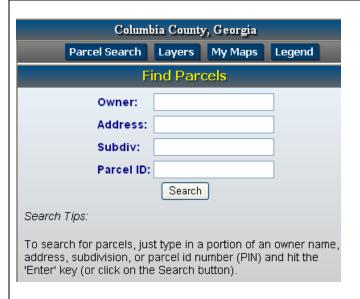
See Page 10 for a full explanation and illustration.

PARCEL SEARCH

One of the most popular tasks, this search will return information on Property located in Columbia County. *Click* on the *Parcel Search* button in the *Data View*.

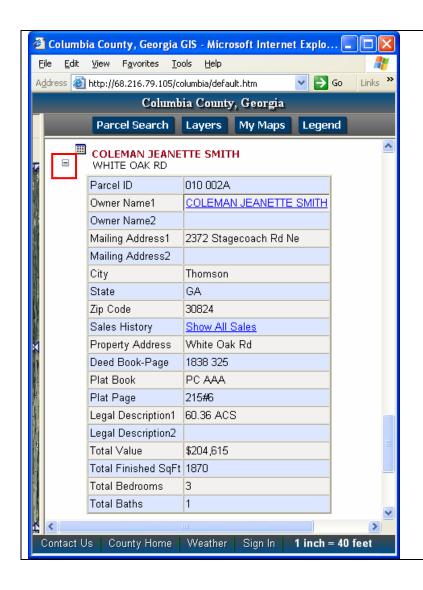


TIP The Program has two views. The Map View displays current map information (default is the entire county) and the Data View displays information, shows help files, and allows the user to perform searches and other tasks.



Search by one of the following criteria: Owner Name, Address, Subdivision, or Parcel Number

By typing information in <u>either</u> box a search on the parcels data base can be performed, by owner name **or** street address **or** parcel number. (no spaces are required for parcel number).



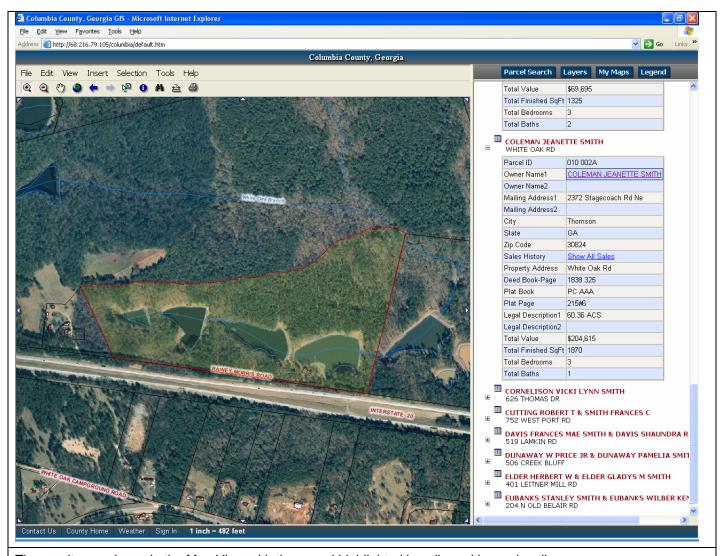
The results are shown at the top of the Data View

Click on the

add symbol (expand)
next to the property of interest. The
symbol will turn to a negative and the
attribute table will appear.

Once the Property information is displayed – *Click* on the *Owner Name* link highlighted in <u>Blue</u>

The Map View will now zoom to that property.



The results are shown in the Map View with the parcel highlighted in yellow with a red outline.

3 Johnston Control, Control, Control C

My Maps:

The My Maps Section is a series of thumbnails that will allow the user to reset the map to any previous recent view. This tab will reset if you change the size of your map (drag the bar between the Map View and Data View windows). Due to server size restrictions, the thumbnails will be refreshed about every 15 minutes (during times of low server activity, the thumbnails will track for longer time periods).

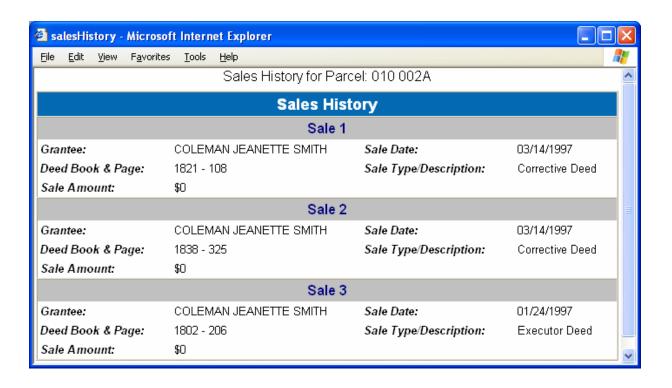
COLEMAN JEANETTE SMITH WHITE OAK RD

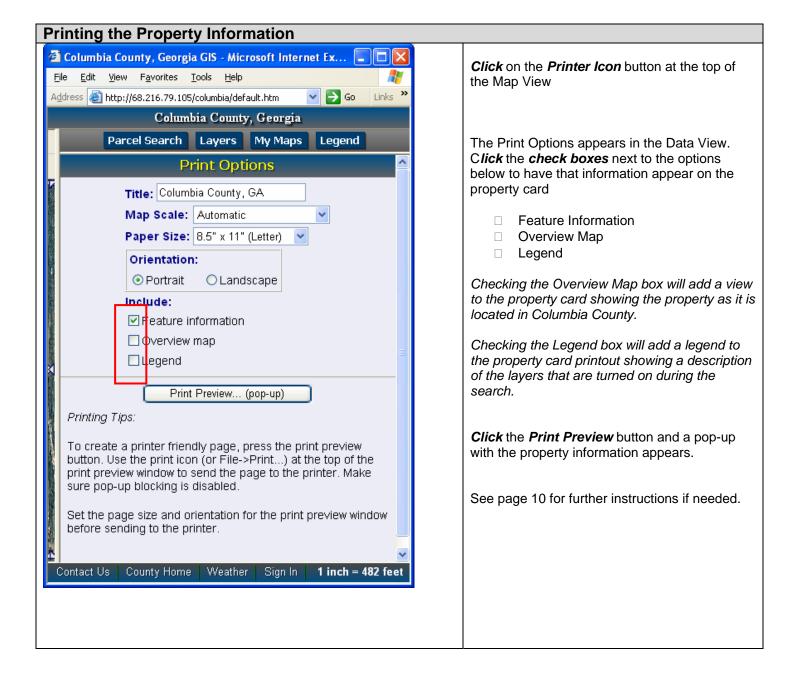
WHITE OAK KD	
Parcel ID	010 002A
Owner Name1	COLEMAN JEANETTE SMITH
Owner Name2	
Mailing Address1	2372 Stagecoach Rd Ne
Mailing Address2	
City	Thomson
State	GA
Zip Code	30824
Sales History	Show All Sales
Property Address	VVhite Oak Rd
Deed Book-Page	1838 325
Plat Book	PC AAA
Plat Page	215#6
Legal Description1	60.36 ACS
Legal Description2	
Total Value	\$204,615
Total Finished SqFt	1870
Total Bedrooms	3
Total Baths	1

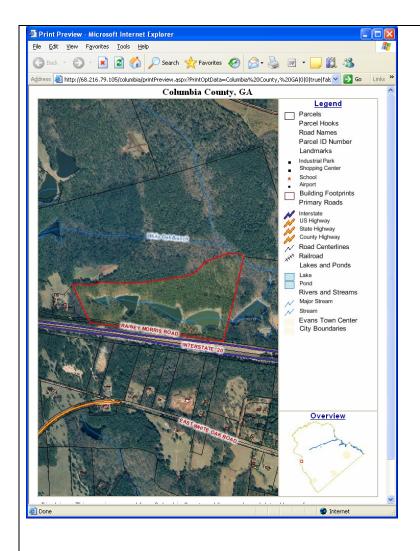
Sales Information:

In the property information column, click on the **Show All Sales** link.

This button will pull up a window that has Sales History for that parcel. (see window below for the print page that is generated.)



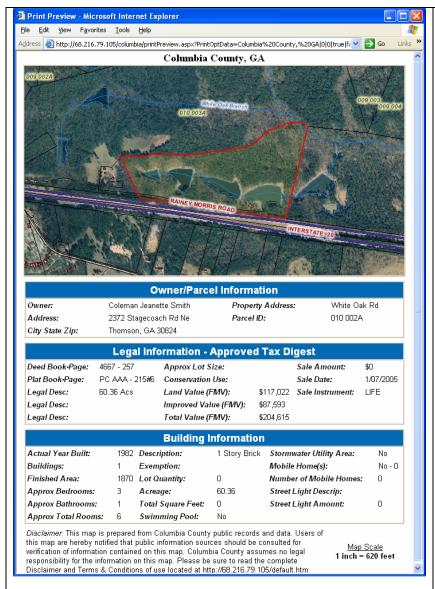




Overview Map and Legend information:

Notice the small red square on the overview map. This is where the property is located in the county.

Example of the Legend and Overview Map without the Feature Information (Property Information).



The Print Page displays

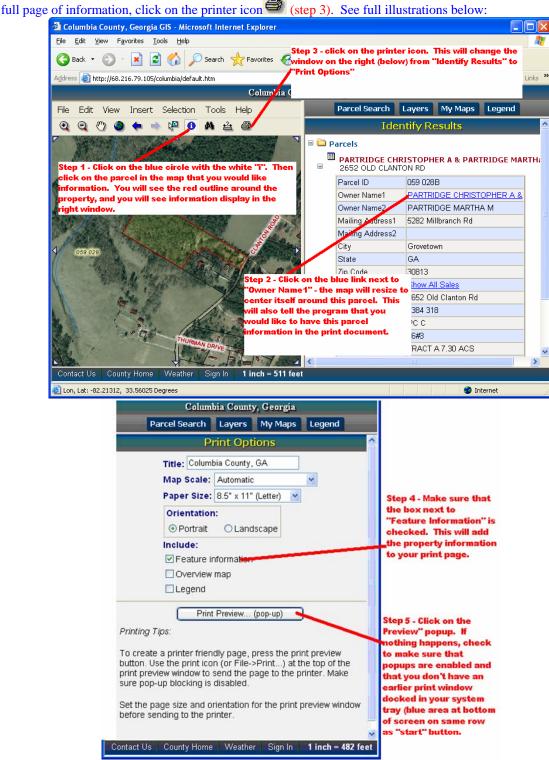
- Owner Information
- Legal Information
- Building Information

This information on values is from the last Approved Tax Digest from the State of Georgia Department of Revenue. Sales information is current, as well as owner name and mailing address.

IDENTIFY FEATURES

Determine information about a parcel by browsing (zooming/panning) the map

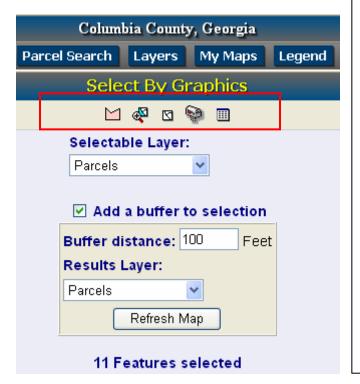
To find out the information on a parcel, click on the (step 1) – then click on the parcel that you want the information on in the map. The program will pull up the information in that right window. If you want to recenter your map to that parcel, then click on the blue highlighted "owner name" field (step 2). To display the



Selecting Records and determining Adjacent Properties

Once a parcel is located, a buffer can be created to select features surrounding the property of interest. This feature also allows the user to produce mailing labels quickly.

Overview section for the tools explained on the following pages



Select by Graphics:

The below instructions refer to each icon in the red square under the title "Select by Graphics"

Select by Polygon:



Allows the user to draw a polygon around the items to be selected.

Zoom to selected features:



Zooms the map to the features that are selected (shown in blue).

Clear Selected features:



Turns off the blue color scheme, and clears the selected set of records.

Mailing labels of selection:



Creates a page of mailing labels of the properties selected.

Table of selected records:

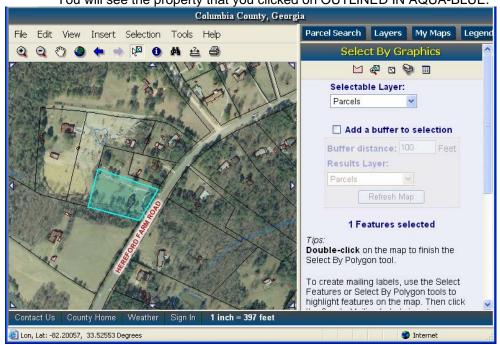


Creates a page of records in table format. Records can be sorted by columns, and sales information and properties are linked to the map.

Line by line instructions for selecting and displaying information about ADJACENT PROPERTIES:

Step 1: Click on the "Select Features" tool (7th from left on toolbar line)

Step 2: Click on the property that you would like to find information about adjacent properties. You will see the property that you clicked on OUTLINED IN AQUA-BLUE.



Step 3: The window to the right has changed to show the "Select by Graphics" window with the toolset. To determine adjacency, the program will buffer the parcel boundaries by any distance that the user enters in the "buffer distance" window.

Add a buffer to selection

Refresh Map

Feet

Buffer distance: 100

Results Layer:

Parcels

Check the box next to "Add a buffer to selection"

Notice that the text and windows below are no longer gray.

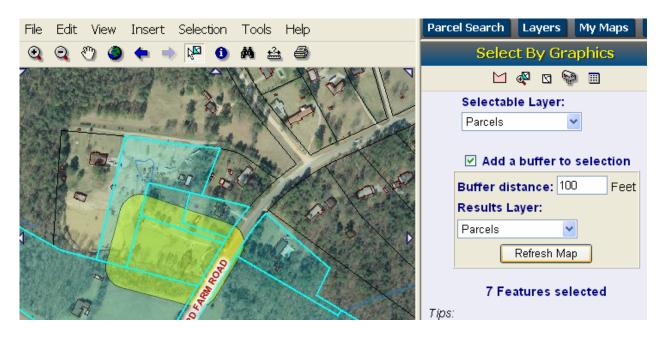
Enter a buffer distance to the outline of the parcel. This will buffer the sides of the property by the distance entered in the "Buffer Distance" window. 100 feet will choose all parcels that touch the parcel selected in blue.

Increasing the buffer size will allow the program to select parcels across wide roadways, etc.

Leave the "Results Layer" choice as Parcels. This option tells the program that you are trying to find out information referring to the parcels.

Click on the "Refresh Map" button to select these parcels.

The yellow buffer will show and the parcels that fall within this buffer will display in the blue color. If the buffer is not large enough, then change the number in the buffer distance window and click "Refresh Map" again.



You should now see an area such as the above picture on your map. Notice that under the "Refresh Map" button, the program also displays how many parcels are selected. In this example, 7 features (parcels) are selected.

Step 4: Use the tools under the "Select by Graphics" section in the right window to pull up information about the selected properties. Detailed information about each of these tools is found on page 11.

Click on the "Zoom to Selected Set" tool to resize the map display around all of the aqua-blue parcels.

Click on the "Open Attribute Table" tool to display information about the selected records.

Click on the "Create Mailing Labels" tool to display mailing labels of the properties (only available to Government users at this time – will be included in the fee-for-service for the Phase II release in the summer of 2005.)

Click on the Clear Selected Records' tool to clear the records and reset the map.

IMPORTANT TIP:

If the pop-up window does not appear for "Open Attribute Table" or "Create Mailing Labels", check the bottom tray window of your computer (blue area). If you minimized these windows earlier, then the new selections will refresh in any previously opened "Attribute Table" or "Mailing Labels" windows.

Details about the pop-up windows:

By clicking on the "Open Attribute Table" tool, the following window will appear, which displays information about the selected records.

Clicking on any of the owner name fields (blue links) will resize the map to display that property.

For optimal performance, slide this window to the right of the map display. You will be able to see the map resize to each property.



Each column is sortable by clicking on the column heading (toggles between descending and ascending order)

Example: Clicking on the heading "total finished sq ft" will sort all of the records by the square footage of the buildings.

How to copy the attribute information to an **Excel** spreadsheet:

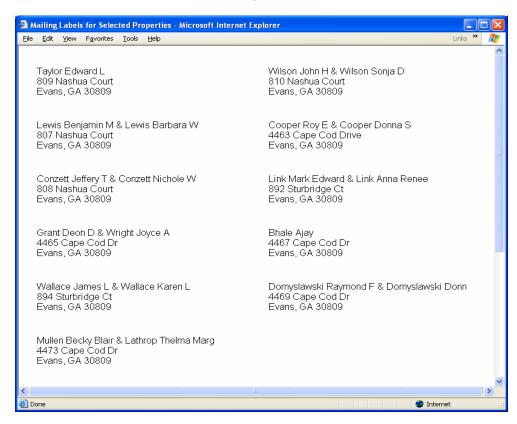
To select and copy the table, use your keyboard ctrl+A (to select all) then ctrl+C (to copy). Open a blank Excel document, click in the upper left column and use your keyboard ctrl+V (to paste). See page 16 for further instructions.

The Sales History can also be accessed using this window. Click on the "Show all Sales" link to pull up information about the sales history of each property.

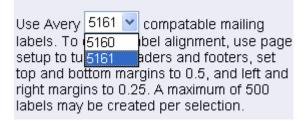
TIP If there is additional information, go back to the attribute table in the web browser and **click** the **Next** button at the top to navigate to the next page and perform the above steps again to ensure you get all the attributes selected.

Click on the "Create Mailing Labels" tool to display mailing labels of the properties (only available to government users at this time)

Mailing Labels



To change between 2 and 3 columns for mailing labels, click on the pull-down shown below:



Note: Some reformatting of the <u>Excel</u> spreadsheet may be necessary. Delete any blank rows and ensure that the first row contains column headings (as shown below).

To copy the attribute information to an Excel spreadsheet:

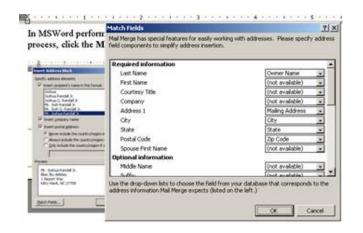
Click the Attribute Table button (on the far right)

Then to select and copy the table, use your keyboard ctrl+A (to select all) then ctrl+C (to copy)

Open a blank Excel document, click in the upper left column and use your keyboard ctrl+V (to paste)



Save the Excel document. Now you can perform the mail merge in MSWord to print envelopes or print label sizes not listed on the website.



Tip!!

In MSWord perform this step during the Arrange Your Envelope>Insert Address Block process, click the Match Fields button change the following (see example):

Owner Name1 = Owner Name

MailingAddress1 = Mailing Address

City = City

State = State

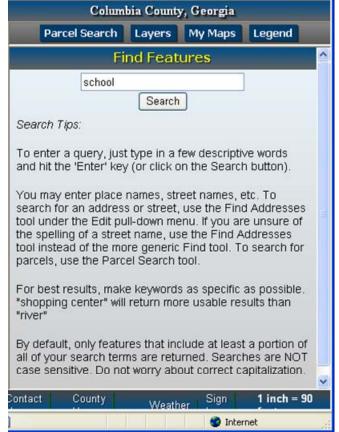
ZipCode = Zip Code

Maps Online Toolbar

Edit l

🔼 Find Features..

Find Features Example:

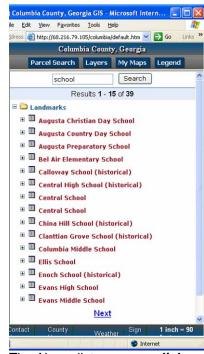


Parcel Search Layers My Maps Find Address, Street, or Intersection Search Search Tips: To find an address, just type in the street number, name, and type. Examples: 101 Maple Dr 102 Columbia Rd 201 N Elm St To find a street, just type in the street name View Insert Example: Maple Dr Delete All Graphics To find an intersection, just type in two street names separated by a 🤌 Find Addresses.. comma Example: Columbia Rd, Maple Dr

> Searches are NOT case sensitive. Do not worry about correct

capitalization

Type in the feature type: school is used in the example. Then click Search.



The Above list appears, *click* on

the **add symbol**

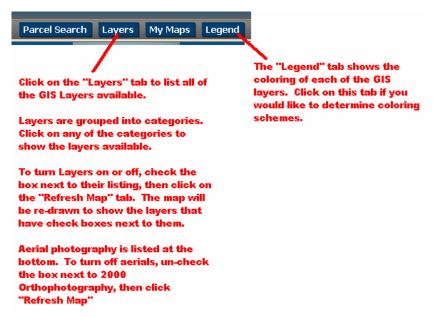
Next to the property of interest. The symbol will turn to a negative and the attribute table will appear.

Then *Click* on the link highlighted in **Blue**

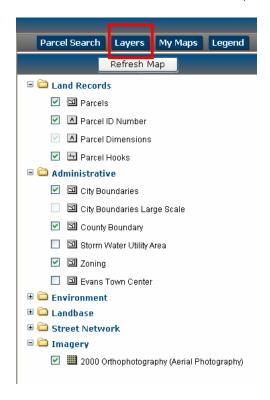
The Map View will now zoom to that feature.

Find Addresses will look for an address (independent of the physical addresses of the Tax Parcels), streets, or intersections. If more than one item is found, a listing will display so that the user can click on the closest match.

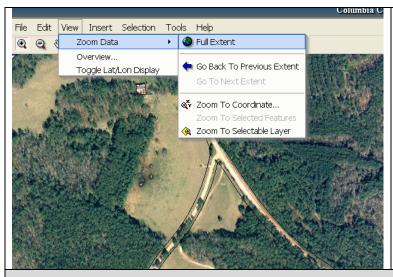
Layer Tabs:



Any boxes that are shown in gray indicate that the layer is not available at the current map view. For example, see "Parcel Dimensions" below – the map (not shown in this example) is zoomed too far out for the dimensions to be drawn on the map. If the user zooms in, the boxes will be shown in the same darker color as the "Parcels" are, as shown below.







View Drop Down Menu Options:

Zoom Data

Full Extent

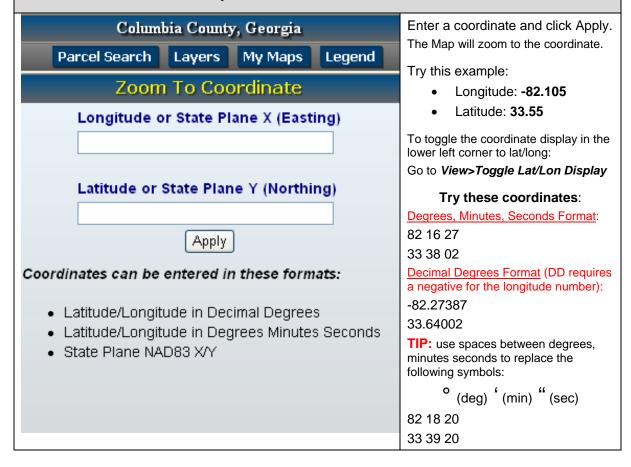
(zooms out to the entire county)

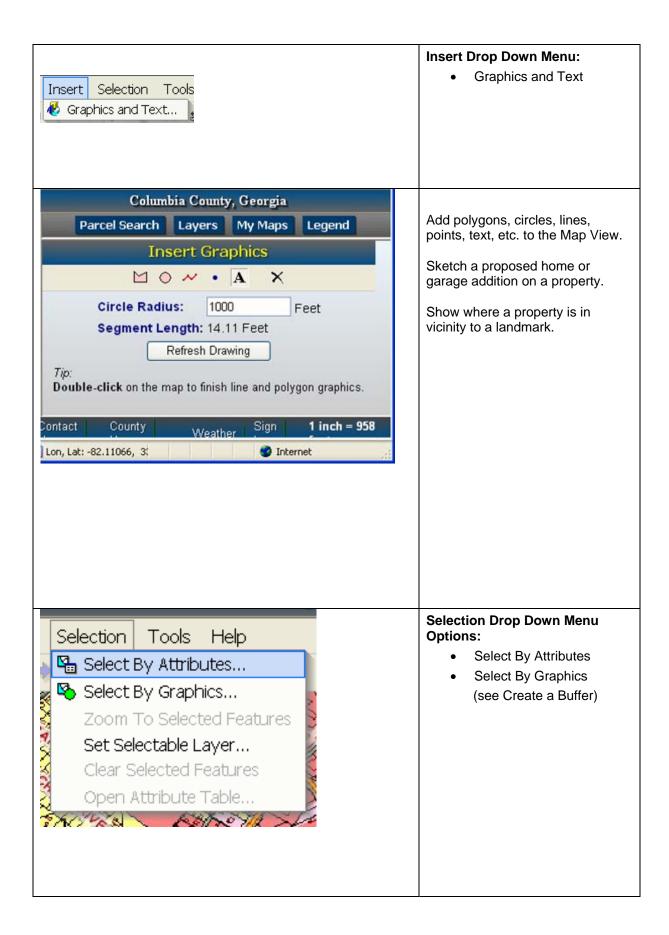
Go Back To Previous Extent (returns to the previous view)

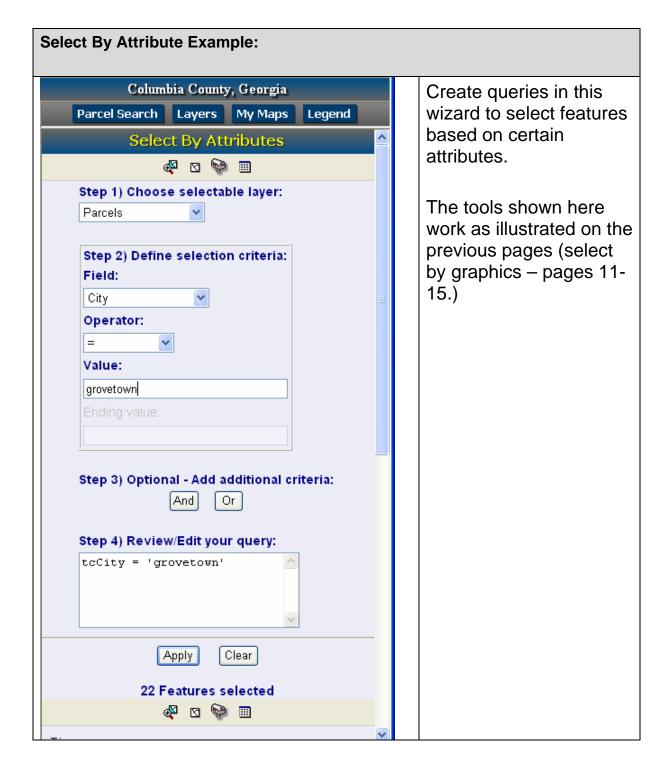
Zoom To Coordinate (Example Below)

Zoom To Selectable Layer (Zooms to the extent of the layer chosen in the Selectable Layer drop down)

Coordinate Section Zoom to Coordinate Example:







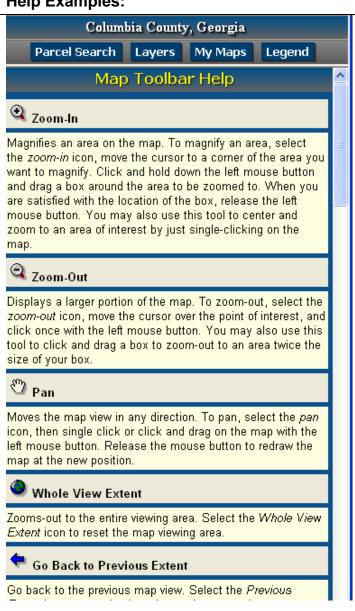


Help Drop Down Menu Options:

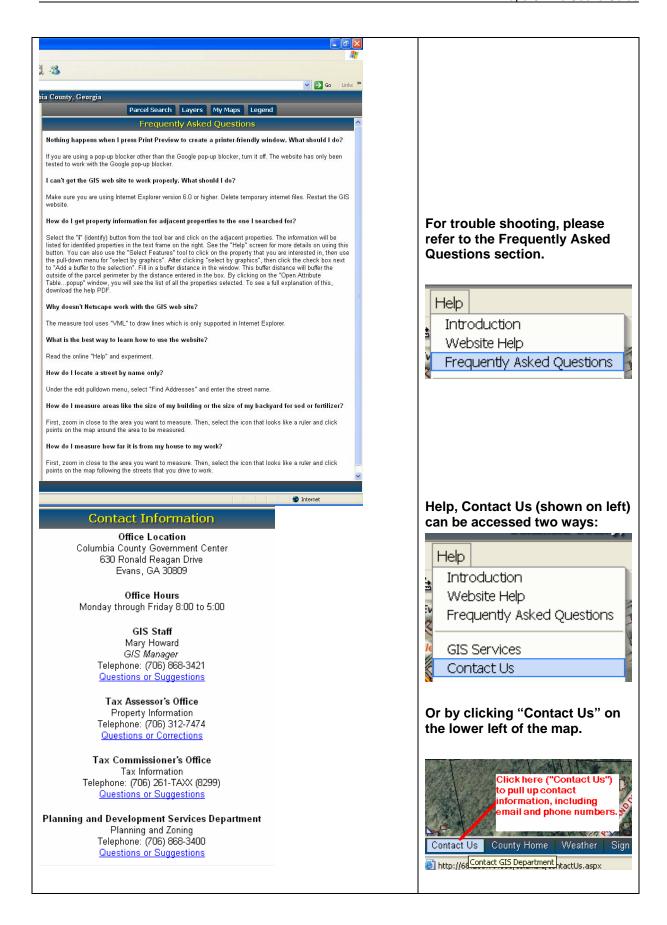
- Introduction
- Website Help
- Frequently Asked Questions
- GIS Services
- Contact Us (Staff)
- About Website

Please visit the online help for tips and an in-depth explanation of tools.

Help Examples:



For more information on a tool or for help performing a task, please refer to the Website Help.



Map Toolbar Help



Zoom-In

Magnifies an area on the map. To magnify an area, select the zoom-in icon, move the cursor to a corner of the area you want to magnify. Click and hold down the left mouse button and drag a box around the area to be zoomed to. When you are satisfied with the location of the box, release the left mouse button. You may also use this tool to center and zoom to an area of interest by just single-clicking on the map.



Zoom-Out

Displays a larger portion of the map. To zoom-out, select the zoom-out icon, move the cursor over the point of interest, and click once with the left mouse button. You may also use this tool to click and drag a box to zoomout to an area twice the size of your box.



Moves the map view in any direction. To pan, select the pan icon, then single click or click and drag on the map with the left mouse button. Release the mouse button to redraw the map at the new position.



Whole View Extent

Zooms-out to the entire viewing area. Select the Whole View Extent icon to reset the map viewing area.



Go Back to Previous Extent

Go back to the previous map view. Select the *Previous Extent* button to go back to the previous map view.



Go to Next Extent

Go to the next map view. Select the Next Extent button to go to the next map view.



Identify Features

PAGE 10

Gets database information for features on the map. To get feature information, select the Identify icon and then click on a map feature.



Find Features

PAGE 17

Searches for features based on information you provide. For example, you could search for a subdivision by subdivision name. The find tool is for non-parcel features. Use the *Parcels Search* button for parcel searches, If you are unsure of the spelling of a street name, use the Find Addresses tool under the Edit pull-down menu to locate the street. Select the Find Features icon to find features of interest.



Measure Distance and Area

Measures distances and areas on the map. Select the *Measure* icon to measure the length or area of map features.



PAGES 7-10

Prints a map with optional legend, location map, or feature database information. Select the *Print* icon and then enter a title, size, and scale for your hardcopy map. If you are using a pop-up blocker other than the Google pop-up blocker, turn it off. The website has only been tested to work with the Google pop-up blocker.

Data Frame Toolbar

Parcel Search PAGES 3-9

Lists the parcel search options available. Click the Parcel Search button and then enter a search string.

Map Layers **PAGE 18**

Shows the map layers available for display. Click the Layers button to display the menu list. The menu allows you to turn information displayed on the map on or off. Select on the check boxes next to the layer names - a check indicates the layer will be displayed. When finished selecting the layers to be drawn, click the Refresh map button to see the results.

Display Legend PAGE 18

Displays a legend for the map. Click the *Legend* button to display the legend.

Pull-Down Menu Help



Find Addresses

PAGE 17

Searches for an address or street location. Select Find Addresses to find a street, address, or intersection within the map area.

Overview Map

Displays the overview location map. The map shows you where you are zoomed to in relation to the entire map area.

Zoom to Selectable Layer

Zooms the map display to the selectable map layer.

Insert Graphics PAGE 20

Displays a drawing toolbar that allows you to add points, lines, polygons, and text to the map. Double-click on the map to finish entering line and polygon graphics.

Select By Attributes

PAGES 20-21

This menu allows you to select features using database attribute information. To see the results of your query, click the Open Attribute Table icon above. You may sort this table be clicking on the column headings.

Operators:

- Like Uses wildcards to search for patterns within text fields
- Between Searches for values that fall within a range
- In Searches for exact matches from a list separated by commas

Do not enter quotes around character search values. The query builder will do it for you.

To create mailing labels, use the Select Features or Select By Polygon tools to highlight features on the map. Then click the Create Mailing Labels icon to open a new window containing the labels to be printed.

Use Avery 5161 compatible mailing labels. To ensure label alignment, use page setup to turn off headers and footers, set top and bottom margins to 0.5, and left and right margins to 0.25. A maximum of 500 labels may be created per selection.

Select By Graphics

PAGES 11-15

This menu allows you to select features using graphics such as a polygon drawn on the screen. Double-click on the map to finish the Select By Polygon tool.

To create mailing labels, use the Select Features or Select By Polygon tools to highlight features on the map. Then click the Create Mailing Labels icon to open a new window containing the labels to be printed.

Use Avery 5161 compatible mailing labels. To ensure label alignment, use page setup to turn off headers and footers, set top and bottom margins to 0.5, and left and right margins to 0.25. A maximum of 500 labels may be created per selection.

If you add a buffer to the selection, a buffer polygon will be created around the selected features using the buffer distance. Features in the results layer that fall inside of the buffer will be selected. You must select features with the cursor or refresh the map to see the buffer results.

Comparable Properties (coming soon)

This tool will find comparable property sales for a selected subject property. To enable this tool, a subject parcel must be highlighted.

The search options on this form are initialized from subject property information. You may change these values to refine the comparable property search. The distance criteria is the distance from the subject property to the comparable property sale. The property use code is very important because it allows the search engine to find comparables of the same type of property. (commercial, residential, vacant lots, etc.) If a subdivision name is entered, it can not be abbreviated.

Use the criteria weightings which range from 1 to 5 to control the search results. Setting the weight of a criteria to a 5 will make that criteria 5 times more important than a criteria with a weight of 1. For example, for a large timber tract, you should set the weighting for Size of Parcel to 5. If you set the weighting to zero or leave the criteria blank, then that criteria will not be used in the search.

The results page includes average sales price, average price per square foot or acre, and an estimate of the property value.

Help

Shows the available help information. You may display *Frequently Asked Questions, GIS department Services*, or the *Contact Information*. Click the *Help* menu to display the help.

Thanks to the Augusta-Richmond County *Information Technology Department – GIS Division* for sharing their User's Guide. This User's Guide was modified from their original document.

For additional information or assistance: Contact the HelpDesk Monday through Friday 8:30 a.m. until 5:00 p.m. at 312-3499 (FIXX) or reach us by email at HelpDesk personnel will take your call or email and direct it to the necessary support personnel.